

Application No. 09/998,855  
Response Dated: November 5, 2004  
Reply to Office Action Dated September 8, 2004

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

1. (Currently Amended) A catalyst composition comprising a polymerization catalyst and at least one gelling agent; wherein the gelling agent is selected from the group consisting of: diester phosphates, steroid and anthryl derivatives, amino acid-type gelators, and ~~quaternary-alkylammonium salts; tetraoctadecyl ammonium bromide, and wherein said~~ polymerization catalyst is selected from the group consisting of conventional-type transition metal catalyst compounds and metallocene catalyst compounds.
2. (Cancelled)
3. (Currently Amended) The catalyst composition of claim 1 wherein the gelling agent is selected from the group consisting of: ~~tetraoctadecyl ammonium bromide,~~ dihexadecylaluminum ortho phosphate, 2,3-bis-n-decyloxy-anthraquinone, (OH)Al(ROPOR')<sub>2</sub>, (Et)Al(ROPOR')<sub>2</sub>, (Et)Al(ROPOR)<sub>2</sub>, and Mg(ROPOR')<sub>2</sub>, where R is C<sub>12-20</sub>H<sub>21-37</sub>, R' is CH<sub>3</sub>, 2,3-bis-n-decyloxy-anthracene, cholesteryl 4-(2-anthryloxy) butanoate and cholesteryl anthraquinone-2-carboxylate.
4. (Cancelled)
5. (Currently Amended) The catalyst composition of claim 1 wherein the polymerization catalyst is a supported polymerization catalyst comprising a carrier, wherein said support is selected from the group consisting of talc, inorganic oxides, and inorganic chlorides.

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- 2 -

Application No. 09/998,855  
Response Dated: November 5, 2004  
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6. (Currently Amended) A method for making a catalyst composition, the method comprising the steps of:

- (a) forming a polymerization catalyst; and
- (b) adding at least one gelling agent, wherein the gelling agent is selected from of the group consisting of: diester phosphates, steroid and anthryl derivatives, amino acid-type gelators, and ~~quaternary alkylammonium salts tetraoctadecyl ammonium bromide~~, and wherein said polymerization catalyst is selected from the group consisting of conventional-type transition metal catalyst compounds and metallocene catalyst compounds.

7. (Currently Amended) The method of claim 6 wherein the polymerization catalyst comprises a carrier, and wherein the gelling agent is selected from the group consisting of: dihexadecylaluminum ortho phosphate, 2,3-bis-n-decyloxy-anthraquinone, (OH)Al(ROPOR')<sub>2</sub>, (Et)Al(ROPOR')<sub>2</sub>, (Et)Al(ROPOR)<sub>2</sub>, and Mg(ROPOR')<sub>2</sub>, where R is C<sub>12-20</sub>H<sub>21-37</sub>, R' is CH<sub>3</sub>, 2,3-bis-n-decyloxy-anthracene, cholesteryl 4-(2-anthryloxy) butanoate and cholesteryl anthraquinone-2-carboxylate.

8-18. (Cancelled)

19. (Previously Presented) The method of Claim 6, wherein step (b) takes place in a liquid prior to addition to a polymerization reactor.

20. (Previously Presented) The method of Claim 19, wherein the liquid is selected from the group consisting of mineral oil, toluene, hexane, isobutene, and mixtures thereof.

21. (Cancel)

22. (Cancel)

2000U055.US.1.111.11.5.04.doc

- 3 -

Application No. 09/998,855  
Response Dated: November 5, 2004  
Reply to Office Action Dated September 8, 2004

23. (New) The catalyst composition of claims 1, 3, 5, 6, 7, 19, 20, or 23, wherein said gelling agent excludes mono- or di- or tri-carboxylic acid salt with a metal portion from the Periodic Table of Elements.

2000U055.US.1.111.11.5.04.doc

- 4 -